



The Right Connection®

King™ Safety Whipsock

High pressure hose restraint designed to secure hose-to-hose and hose-to-rigid anchor points to minimize uncontrolled movement in the event of hose connection failure or separation




Shackles sold separately
see product details on back

Application:

- used in high pressure applications such as air, water, hydraulic and slurry

Features:

- King™ Safety Whipsocks keep the hose under control in the event of a high-pressure hose assembly failure.
- dual anchor points secured beyond the fittings eliminate hose whip
- be sure the anchoring points are rated for the application 
- galvanized steel woven stockings extend down the hose to grip securely over a larger area preventing whip, abrasion and wear
- contact Dixon™ with questions regarding working pressure, available options or custom configurations

Materials:

- wire rope: galvanized carbon steel
- ferrules: aluminum

Size	OD Range	Length	Maximum Working Pressure PSI	Part #
3/8"	.315" - .5512"	15.75"	5000	KSW06
1/2"	.5512" - .7874"	21.65"	3000	KSW08
3/4"	.7874" - 1.181"	25.20"	2000	KSW12
1"	1.181" - 1.575"	34.25"	1500	KSW16
1 1/4"	1.575" - 1.969"	38.19"	1000	KSW20
1 1/2"	1.969" - 2.362"	49.21"	700	KSW24
2"	2.362" - 2.756"	51.18"	1300	KSW32
2 1/2"	2.756" - 3.346"	53.15"	800	KSW40
3"	3.346" - 3.937"	72.44"	750	KSW48
3 1/2"	3.937" - 4.724"	72.05"	550	KSW56
4"	4.724" - 5.512"	86.61"	550	KSW64
6"	5.512" - 7.087"	93.31"	250	KSW96


King™ Safety Shackles



Applications:

- 2 shackles are used to anchor the King™ Safety Whipsock
- Securing both eyes to a rigid anchor point to reduce whip in the event of a hose or connection failure

Features:

- recommended bolt, nut, and cotter pin style shackle
- Caution working load must be rated for the application. 

Material:

- micro alloy steel

Sizes:

- ¼", ⅜", and ½"

Size	Working Load	Fit KSW Eye	Part #
¼"	½ ton (1000lbs)	KSW06-KSW12	KSS04
⅜"	1½ ton (3000lbs)	KSW16-KSW40	KSS06
½"	3 ton (6000lbs)	KSW48-KSW96	KSS08

Instructions for Properly Installing, Securing and Maintaining King™ Safety Whipsock

High pressure hose restraint designed to secure hose-to-hose and hose-to-rigid anchor points to minimize uncontrolled movement in the event of hose connection failure or separation.

Note: For ease of installation it's recommended to attach prior to installing coupling assembly.

- Step 1:** Select the appropriate King™ Safety Whipsock based on the hose O.D. and working pressure of the hose. For shorter assemblies a custom double ended, 4-eye Whipsock, must be used. *Note: Only use custom Whipsocks on the specific length and diameter it is labelled for.*
- Step 2:** Always ensure to inspect entire King™ Safety Whipsock for frayed wire and corrosion before each use and installation. Replace immediately if damaged or worn.
- Step 3:** It is necessary that the hose is clean and free from oil and dirt before use.
- Step 4:** Compress the tail end of the King™ Safety Whipsock to open the ID, work the stocking to slide the grip down the length of the hose. Run your hands down the grip from the coupling end to the tail to smooth out any gaps or loose wires in the grip to ensure contact with the hose.
- Step 5:** After coupling, slide the King™ Safety Whipsock up the hose into secured position just behind the fitting, ensuring the eyes have enough length to reach the anchoring points. Avoid overlapping the stockings if King™ Safety Whipsocks are on each end of the hose.
- Step 6:** Using a King™ Safety Shackle or bolt, nut & pin style clasp, rated above the breaking strength of the hose, secure the hose restraint at two horizontally opposed, rigid anchor points rated for the application.
- Step 7:** Slight slack in the legs is preferred. This will allow a travel distance for coupling in disconnection and greatly reduce the load applied to the hose restraint. A travel distance of up to 1" - 2" (40-50mm) is recommended.

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